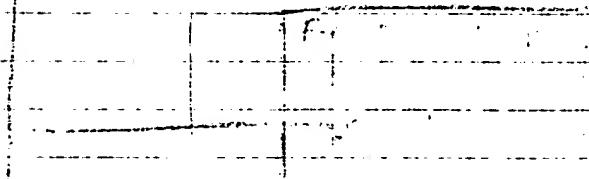


FIG. 1



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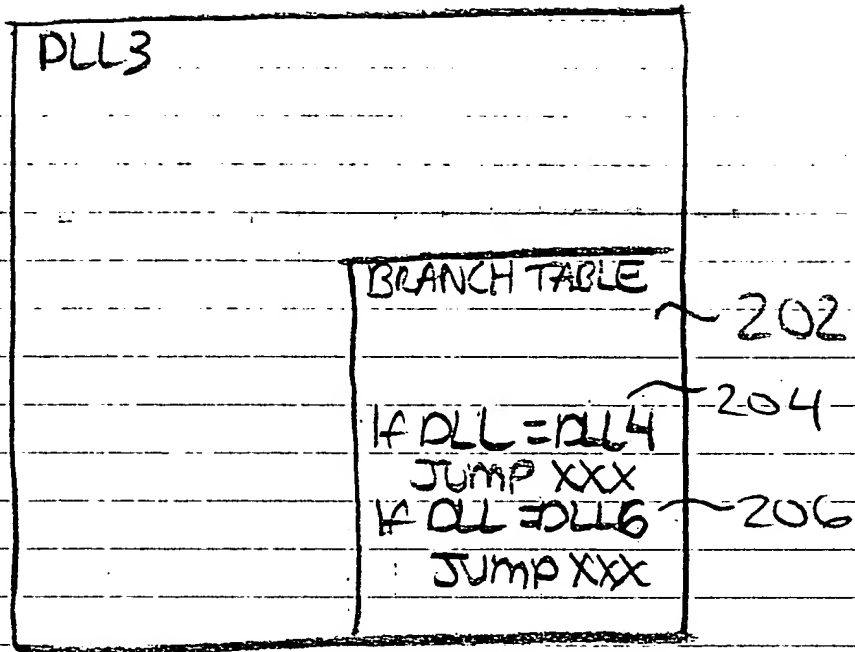


FIG. 2A

112

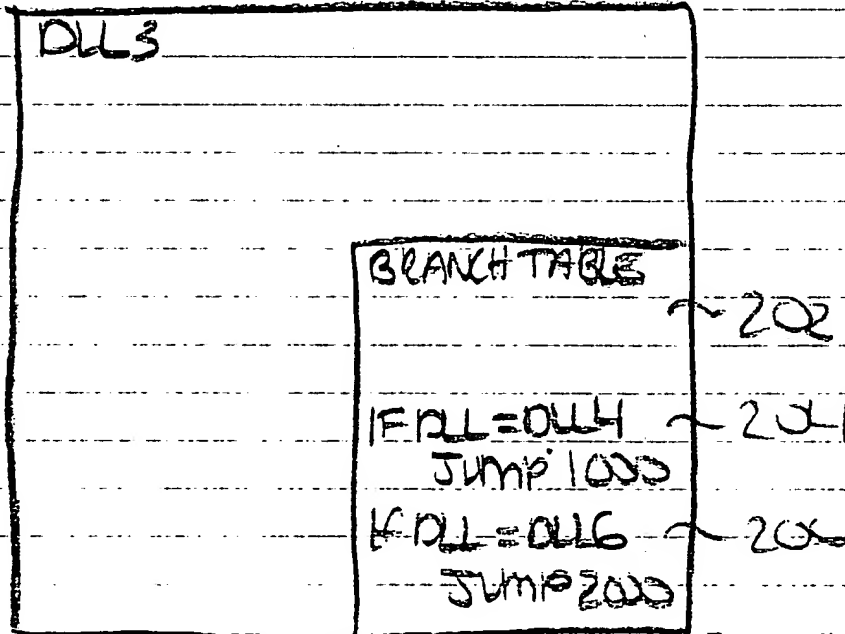


FIG. 2B

Interface
Manager ~302

Determine configuration of
hardware interface
where the configuration
corresponds to a set of
DLLs to be executed to
complete the configuration ~304

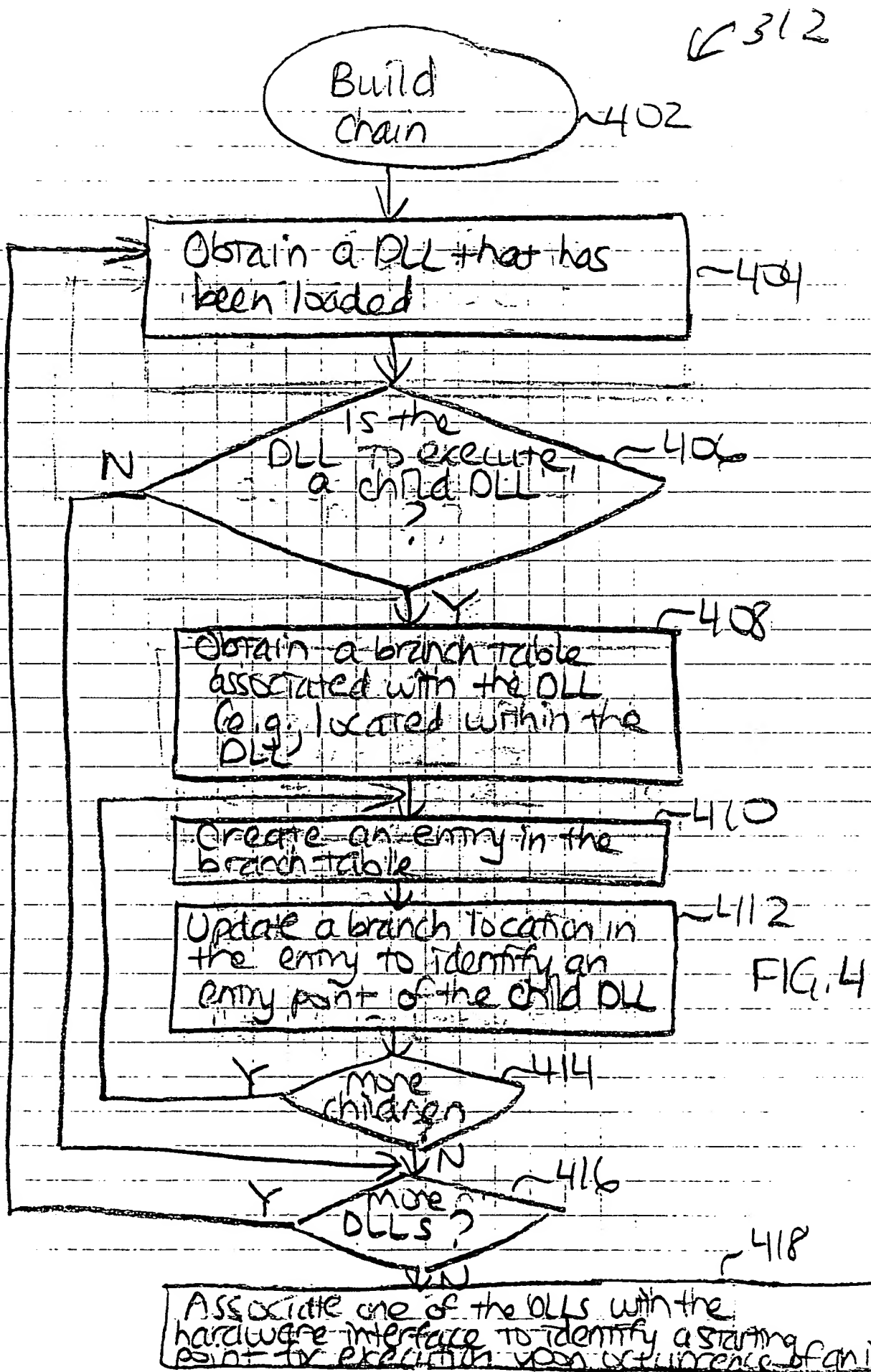
Compare the configuration
against a set of rules
that specify a hierarchical
order in which the set of DLLs
are to be executed in
relation to one another ~306

Obtain the set of DLLs
and the hierarchical order ~308

Load the set of DLLs
(e.g., in reverse order) ~310

Build a chain connecting
the set of DLLs such
that the set of DLLs
will automatically
execute in the hierarchical
order ~312

FIG. 3



Chain walker
executes
chain ~502

Receive hardware
interrupt ~504

Ascertain starting point
for execution of a DLL
in a chain of DLLs ~506

Begin execution at
the starting point ~508

When execution of the
DLL is completed,
branch to the entry
point identified by
one of the entries
in the branch table
of the DLL (e.g.,
parameter passed) ~510

Execute child DLL
identified by the one of
the entries in the branch table ~512

End
of chain? ~514
N
Y
DONE ~516

FIG. 5

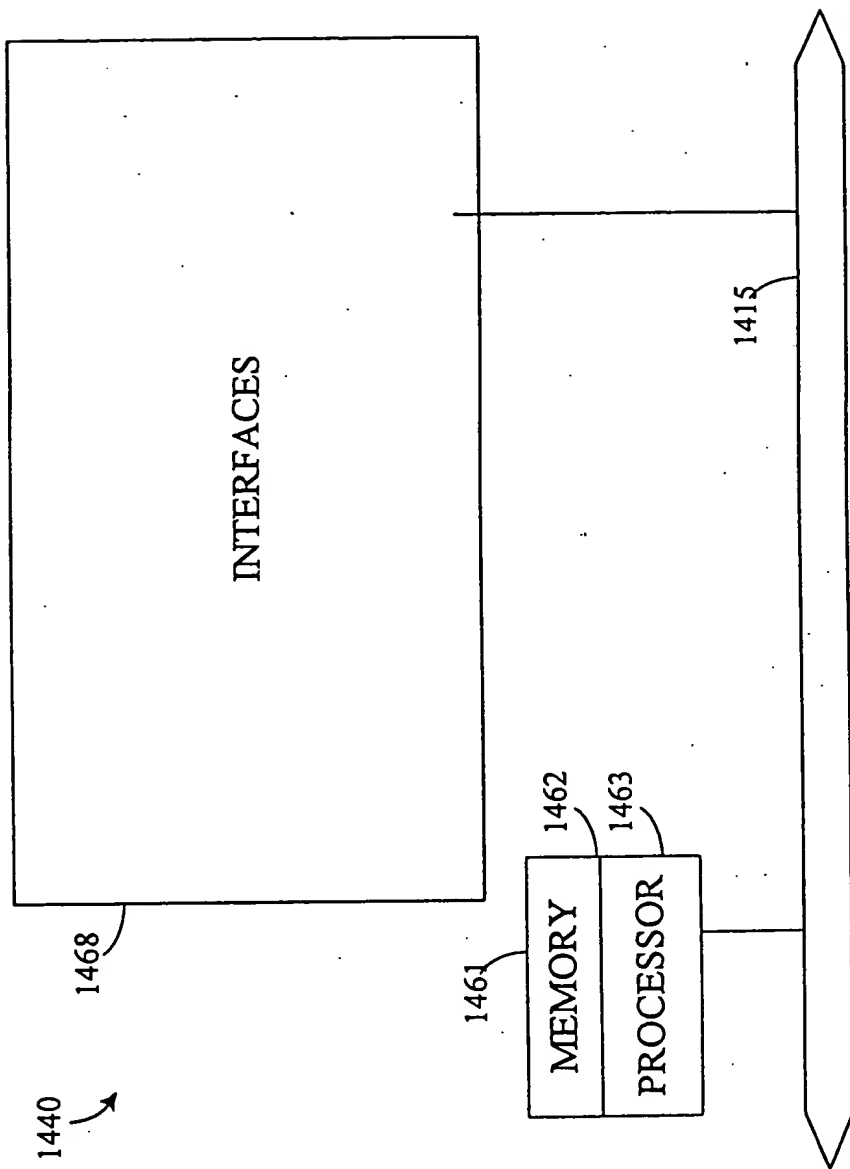


Figure 6